



TP2R Meeting
Thursday, December 8, 2005
Ruth Neff Conference Room
L&C Building, Nashville TN
Meeting notes and other updates

Next TP2R meeting
dates:

- Thursday, March 9/10, 2006 East TN Environmental Forum
- Thursday, June 8, 2006, Nashville
- September 13, Montgomery Bell State Park (with 2006 PP2 Conference)

**Congratulations to TP3 Partners Olin-Charleston, Maytag-Cleveland,
Quillen VA-Mountain Home, and University of TN-Knoxville!**

Welcome and Introductions:

- Lori Munkeboe, Director of Office of Environmental Assistance opened the meeting with welcome to all.

Paul Sloan presented Partner Certificates. Partner Level is third highest of four TP3 member levels. Congrats!

**Tennessee Pollution Prevention Roundtable recognizes
organizations for environmental achievements and
advancement in TP3**

Deputy Commissioner Paul Sloan recently joined the Tennessee Pollution Prevention Roundtable in Nashville to recognize organizations achieving Partner-level status in the Tennessee Pollution Prevention Partnership (TP3). Sloan presented TP3 Partner certificates to Olin Chemical (Charleston, Tenn.), Maytag Cleveland (Tenn.) Cooking Products, James H. Quillen VA Medical Center (Johnson City) and the University of Tennessee's Knoxville campus. Twenty-one Tennessee organizations have now demonstrated environmental improvements elevating them to Partner-level status in TP3. Acknowledging the Roundtable's shared sense of environmental responsibility and the collaboration, Sloan noted, "These new TP3 Partners serve as real-world examples for others who seek to go beyond compliance. Their environmental innovations and accomplishments have conserved resources, lessened their impact on the natural world and saved money for the organization."

For more information on the Tennessee Pollution Prevention Partnership, visit <http://www.state.tn.us/environment/ea/tp3/>.

Posted: 12/12/2005 on TDEC Home Page www.tdec.net



Steve Tew, Olin Chemical

Photos with Deputy Commissioner Paul Sloan



Arnold Moss and Steve Kiebzak, Maytag Cooking Products



Sarah Surak, University of Tennessee-Knoxville Campus



Douglas Dulaney, James A Quillen VA Medical Center

Also see Cleveland Daily Banner article, below, and page 5 of the attached Times and Trails newsletter!



**TP2R Meeting
Thursday, December 8, 2005
Ruth Neff Conference Room
L&C Building, Nashville TN
Meeting notes and other updates**

Andy Tepliztky, USEPA Performance Track, presented the P-Track program, benefits and compatibility with TP3. His PowerPoint presentation is attached to transmittal email, and will be with the notes on web page:

<http://www.tdec.net/ea/tp2r/p2rt.php>

Andy was able to meet with several interested P-Track and TP3 Members, as well as TDEC administration and staff, during the networking sessions and later that afternoon. Please visit the link below to see the P-Track newsletter.

>>> "Performance Track" Thursday, December 08, 2005 1:06:04 PM >>>

The December, 2005 issue of P-Track News is now available at:

<http://www.epa.gov/performancectrack/members/news/current/index.htm>

(See page 4: **TP3 Performer, Bridgestone Firestone makes P-Track News!**)

Please note that P-Track News is now on a monthly instead of bimonthly schedule. A PDF version is available for downloading from the link above.

HIGHLIGHTS OF THIS ISSUE:

- ** Applications Requested for Calendar Year 2005 Performance Track Outreach Awards
- ** Tools to Compare Performance Track and State Programs Now Available
- ** ECOS and EPA Workgroups Get Internal and External Feedback
- ** Bridgestone-Firestone Facilities Recognized by Performance Track and Wildlife Habitat Council

Notes from TP2R Participant and TP3 Partner, Ricky King at Lodge Manufacturing

Good meeting! Keep up the good work.

Following the September Roundtable meeting at DENSO in which UT's Jonathan Overly discussed biodiesel, Lodge Mfg personnel went to a well-attended Biodiesel seminar sponsored by Benton Oil in Chattanooga. We have started with a B5 Biodiesel and plan to go to B20. We may consider higher blends next summer.

Others in the Chattanooga area currently trying or have switched to biodiesel:

- City of Chattanooga
- Hamilton County Highway Dept
- Southern Champion Tray
- Stafford Bus Services
- McCallie School
- Crabtree Farms
- Fieldale Farms in N. Georgia
- Meigs County Highway Dept
- City of Cleveland
- Several Farmers Co-ops starting in Cleveland.

Ricky King also suggested PP2 planning staff consider Jonathan Overly as a speaker for the next Conference.

Ricky King also announced that the American Foundry Society Tennessee Chapter will be hosting the AFS Regional Conference at the downtown Hilton in Nashville on 2/15/06-2/18/06. On Wednesday, 2/15/06, the Chapter is planning to sponsor with TVA and EPA Region IV a Beneficial Reuse Forum. The agenda has not been finalized; Meeting info included in notes below.



TP2R Meeting
Thursday, December 8, 2005
Ruth Neff Conference Room
L&C Building, Nashville TN
Meeting notes and other updates

HE Sustainability Workshop:

- Jack Barkenbus gave an update on the Higher Education Sustainability Workgroup activities. They are planning a conference for March 7-8, 2006 in Nashville, hosted by Fisk University. Handout was distributed and website is http://www.vanderbilt.edu/Green_Campus_Conference/Home.htm
- The conference would have three tracks – Compliance at Universities; Operations; and Educators/Students (see conference flyer attached to transmittal email message)
- The goal is to have 100-125 attendees, with a fee of \$50-\$75, fee waived for students. The HE Workgroup is searching for sponsorship from industry and manufacturers and needs a sponsor for dinner on the evening of March 7th.

Special TP3 Partner Presentation: Steve Tew, Olin Corporation
PowerPoint presentation attached to email, and will be with the notes on web page:
<http://www.tdec.net/ea/tp2r/p2rt.php>

Planning Team Report:

- Diane Scher reported to the Roundtable on the plans for the statewide Planting P2 Conference September 13 – 15, 2006. These are the dates the facility at Montgomery State Bell Park are reserved and the exact schedule will be determined by the planning team. There were no objections to the timing of the conference. Letters will be going out shortly to invite participation on the conference planning team. Two suggestions from Paul Sloan for the Roundtable may be opportune to include with the conference: an environmental achievement awards banquet and a nationally recognized environmental speaker to come to Tennessee.

CHEAP - Community Home Energy Audit Project

With the cost of natural gas skyrocketing a predicted 40% this winter and electricity prices on the rise, we are helping homeowners and small businesspeople discover proven ways to save energy. While saving money, Nashvillians are reducing air and water pollution, cutting down the sources of asthma and respiratory disease, and lessening their environmental footprint.

Our trained auditors assess the condition of your home or office from basement to attic, your lifestyle needs, and the functionality of your abode, appliances, and remodel plans -- and incorporate them all neatly in a summary audit recommendation that you can follow step-by-step to energy savings. Please contact Jennifer Tlumak at 615.385.5692 or jennifer.tlumak@gmail.com for further information or to schedule an audit.

Coordinator
Community Home Energy Audit Project (CHEAP)
615.385.5692



TP2R Meeting
Thursday, December 8, 2005
Ruth Neff Conference Room
L&C Building, Nashville TN
Meeting notes and other updates

Future TP2R Meetings:

- **Next Meeting is March 9 in Kingsport, in conjunction with the East TN Environmental Conference. The following meeting is June 8, 2006 in Nashville (Volunteer Opportunity! Contact Planning Team Member)**
- Potential topics for discussion at next meeting: P2 Conference; TP3 Criteria – possibilities for alignment with P-Track; TP3 Performer level name to reflect top level designation; TP3 Incentives – to make program more attractive; Higher Education Sustainability Conference; National Performance Track program update; storm water issues; air quality. Also, the origins of TP2R may need revisiting with toxics in the air....

New Web Site Gives Many Details On Toxic Chemicals In TN (Greeneville Sun)

It may be something of a miracle that sunlight reached the earth's surface across Tennessee in 2002, given the nearly 100 million pounds of toxic chemicals that were released into the air that year. In 2002, according to the Tennessee Environmental Council's new 2002 Toxics Release Inventory (TRI) Web site, the state's industries and power plants released more than 156,000,000 pounds of TRI-listed chemicals into the environment, including: 96,834,545 pounds released into the air (62 percent of total releases); some 3,062,802 pounds released into surface waters; some 1,672,387 pounds of PBT's (Persistent Bioaccumulative Toxins); and some 9,362 grams of dioxins (some of the deadliest known compounds). The Web site is www.tectn.org/tri.htm

<http://www.greene.xtn.net/index.php?template=news.view.subscriber&table=news&newsid=126760>

Olin and Maytag earn TP3 status (Cleveland Daily Banner)

NASHVILLE - The Tennessee Pollution Prevention Roundtable has recognized two Bradley County companies for achieving Partner-level status in the Tennessee Pollution Prevention Partnership. Environment and Conservation Deputy Commissioner Paul Sloan presented TP3 Partner certificates to Olin Chemical and Maytag Cleveland Cooking Products, James H. Quillen VA Medical Center and the University of Tennessee's Knoxville campus at the Roundtable's December meeting in Nashville. Olin Chlor Alkali Products of Charleston has launched "The Goal is Zero" campaign at their facility with an objective of achieving zero releases, zero incidents and zero disposal of hazardous waste. One innovation at Olin deployed during this effort was the determination and execution of a method that removes mercury from its brine purification mud that eliminates the need to landfill mercury-contaminated material. This operations improvement will save Olin \$7.5 million over the next 20 years. Olin also received the 2005 Tennessee Environmental Stewardship Award for Large Quantity Hazardous Waste Generators. Accepting the partnership TP3 Partner achievement certificate for Olin was Steve Tew. Maytag Cleveland Cooking Product of Cleveland has modified its operations so the facility is no longer producing the levels of solid waste that require incineration at their site. This reduction allows Maytag to surrender a required air permit back to Environment and Conservation's Air Pollution Control and will save Maytag \$225,000 per year. Accepting the TP3 Partner achievement certificate for Maytag were Arnold Moss and Steve Kiebzak. Acknowledging the Roundtable's shared sense of environmental responsibility and the collaboration, Deputy Commissioner Sloan noted, "These new TP3 Partners serve as real-world examples for others that have a commitment to go beyond basic compliance. Innovations and operational changes at these companies have conserved resources, lessened their impact on the natural world and saved money for the organization." The Tennessee Pollution Prevention Partnership is a statewide network of households, schools, government agencies, organizations, businesses and industries working together to prevent pollution. TP3 members are evaluated for their compliance with environmental laws, their pollution prevention initiatives, and their environmental management system to determine whether they merit status as a TP3 Partner. Twenty-one Tennessee organizations have now achieved TP3 Partner-level status.

[http://www.clevelandbanner.com/NF/omf/daily_banner/news_story.html?\[rkey=0057673+\]\[cr=gdn](http://www.clevelandbanner.com/NF/omf/daily_banner/news_story.html?[rkey=0057673+][cr=gdn)



**TP2R Meeting
Thursday, December 8, 2005
Ruth Neff Conference Room
L&C Building, Nashville TN
Meeting notes and other updates**

EPA Region 4 Beneficial Use of Industrial Byproducts Nashville Forum

Sponsored by the Tennessee Chapter of the American Foundry Society
As part of the 74th Southeastern Regional Conference
Lunch provided by the Tennessee Valley Authority
Nashville Hilton Downtown
Nashville, TN
Wednesday, February 15, 2006
9:00 a.m. – 5:00 p.m. Central

One of the prongs of U.S. EPA's drive toward more sustainable materials management strategies is increasing the utilization of non-hazardous industrial byproducts such as foundry sand and coal ash. These two materials, along with several others, are priority materials under U.S. EPA's Resource Conservation Challenge. They are also target materials for the Federal Highway Administration's recycling programs.

U.S. EPA Region 4 is coordinating a series of meetings throughout the region to bring together industrial generators, state regulators, market development experts, and potential end users to discuss issues and develop opportunities for increased utilization throughout the Southeast. The Nashville Forum is the second in this series of meetings.

The Forum is provided free to interested parties; however, space is limited to the first seventy (70) respondents. Please reserve your seat by logging onto the FIRST Website at www.foundryrecycling.org after January 2, 2006.

A registration link will be found under the "News & Events" dropdown menu. The Agenda for the Forum will also be posted at that time. For more information, contact:

Elizabeth Olenbush at FIRST:
www.foundryrecycling.org
Email: office@foundryrecycling.org
Phone: (413) 229-2466
Fax: (413) 229-6091

OR

Mary Beth Van Pelt at EPA Region 4
vanpelt.marybeth@epa.gov
Phone (404) 562-8615

For Hotel Reservations: contact the Nashville Hilton Downtown
(615) 620-2178 or email bnans_reservations@hilton.com.

TP2R Attendee List for December 8, 2005

| Name | Affiliation | Email Address/Phone Number | Postal Address |
|-----------------------------|---|---|---|
| Mr. Harding Aslinger | UTCIS | Harding.Aslinger@tennessee.edu 423-425-2364 | 615 McCallie Avenue, Suite 113 Metropolitan Building Chattanooga TN 37403 |
| Dr. Jack Barkenbus | University of Tennessee - EERC Executive Director | barkenbu@utk.edu 865-974-4251 | 311 Conference Center Bldg. Knoxville TN 37996-4134 |
| Mr. Bob Booker | Denso Manufacturing Tennessee, Inc. Advanced Staff Environment Department | bob_booker@denso-diam.com 865-982-7000 x2051 | 1720 Robert C. Jackson Dr Maryville TN 37801-5250 |
| Mr. Nick Borski | Portion Pac | nick.borski@PortionPac.com 615-231-5862 | 1895 Spence Ln Nashville TN |
| Ms. Elaine Boyd | TDEC Commissioner's Office Strategic Planning Manager | Elaine.Boyd@state.tn.us 615-532-0288 | 401 Church St, 1st Floor Annex Nashville TN 37243 |
| Mr. Vaughn Cassidy | TDEC-JEFO Environmental Coordinator Office of Environmental Assistance | vaughn.cassidy@state.tn.us 731-512-1343 | 362 Carriage House Dr Jackson TN 38305 |
| Ms. Tami Coleman | TN Dept of Education CENTS Coordinator Environmental Education | Tamara.Coleman@state.tn.us 615-741-6055 | Nashville TN |
| Ms. Jan Compton | TDEC-JCEFO Environmental Coordinator Office of Environmental Assistance | jan.compton@state.tn.us 423-854-5417 | 2305 Silverdale Rd Johnson Cilty TN 37601 |
| Mr. Doug Dulaney | James A. Quillen VA Medical Center | Douglas.Dulaney@med.va.gov 423-926-1171 x 7748 | PO Box 4000 Mailstop (138D) Mountain Home TN 37684 |
| Ms. Kim Glassman | TDEC Policy Office Policy Advisor | Kim.Glassman@state.tn.us 615-532-5281 | 401 Church St, 1st Floor L&C Annex Nashville TN 37243 |
| Mr. Ron Graham | TN Regulatory Authority Director | RonL.Graham@state.tn.us 615-741-2904 ext 164 | TRA Building Nashville TN |
| Ms. Karen Grubbs | TDEC-OEA Manager, Education and Outreach Office of Environmental Assistance | karen.grubbs@state.tn.us 615-532-0463 | 401 Church, 8th Floor Nashville TN 37243-1533 |
| Mr. Aubrey Gunter | Fuji Hunt USA Environmental Supervisor | agunter@fujihuntusa.com 423-775-2281 x 236 | 411 Manufacturer's Rd Dayton TN 37321 |
| Mr. Chuck Head | TDEC Senior Director Land Programs | Chuck.Head@state.tn.us 615-532-0998 | 401 Church St, 1st Floor Annex Nashville TN 37243 |

TP2R Attendee List for December 8, 2005

| Name | Affiliation | Email Address/Phone Number | Postal Address |
|------------------------------|--|--|--|
| Mr. Curtis Hopper | TDEC-TP3 TP3 Program Coordinator Office of Environmental Assistance | curtis.hopper@state.tn.us 615-253-1729 | 401 Church, 8th Floor, L&C Tower Nashville TN 37243-1533 |
| Mr. Jesse Hunter | Bridgestone Americas Senior Environmental Engineer | hunterjesse@bfusa.com 615-937-1498 | 535 Marriott Dr Nashville TN 37214 |
| Mr. Charles Jobe | TDEC-NEFO Environmental Coordinator Office of Environmental Assistance | charles.jobe@state.tn.us 615-687-7074 | 711 RS Gass Blvd Nashville TN 37216 |
| Ms. Emeline Johnston | TDEC/Policy Office Policy Research Analyst | Emeline.Johnston@state.tn.us 615-532-0130 | 401 Church St Nashville TN 37243 |
| Mr. George Kesterson | TDEC-SERP SERP Program Coordinator Office of Environmental Assistance | george.kesterson@state.tn.us 615-532-0079 | 401 Church, 8th Floor, L&C Tower Nashville TN 37243-1533 |
| Mr. Steve Kiebzak | Maytag Cleveland Cooking Products | | |
| Mr. Ricky King | Lodge Manufacturing | rking@lodgemfg.com 423-981-4712 | PO Box 380 South Pittsburg TN 37380 |
| Ms. Shari Meghreblian | GM Spring Hill Manufacturing Manager of Environmental Affairs | shari.meghreblian@gm.com 931-489-4839 | 100 Saturn Parkway, PO Box 1500, MC:371-996-M10 Spring Hill TN 37174-1500 |
| Mr. Arnold Moss | Maytag Cleveland Cooking Products | amoss@maytag.com 423-478-4354 | 740 King Edward Avenue Cleveland TN 37311 |
| Ms. Lori Munkeboe | TDEC-OEA Director Office of Environmental Assistance | lori.munkeboe@state.tn.us 615-532-0705 | L&C, 8th Floor Nashville TN 37243-1533 |
| Ms. Ann Olsen | VCEMS | ann.olsen@comcast.net 615-385-9416 | 572 Harpeth Trace Dr Nashville TN 37221 |
| Mr. David Owenby | TDEC Communications Director | David.Owenby@state.tn.us 615-532-1531 | 401 Church St, 1st Floor L&C Annex Nashville TN 37243 |
| Ms. Aprell Patterson | BWXT-Y12 | pattersonal@y12.doe.gov 865-241-2568 | PO Box 2009-8286 Oak Ridge TN 37831-8286 |
| Ms. Elaine Patterson | Olin Corporation | ekpatterson@olin.com | 7708 Ashley Oaks Dr Chattanooga TN 37423 |
| Mr. Mark Penland | TDEC-KEFO Environmental Coordinator Office of Environmental Assistance | mark.penland@state.tn.us 865-594-6035 | 2700 Middlebrook Pk STE 220 Knoxville TN 37921 |

TP2R Attendee List for December 8, 2005

| Name | Affiliation | Email Address/Phone Number | Postal Address |
|-----------------------------|--|--|---|
| Ms. Cynthia Rohrbach | TDEC-TP3 TP3 Green Schools Program Coordinator Office of Environmental Assistance | cynthia.rohrbach@state.tn.us 931-490-3929 | 2484 Park Plus Dr Columbia TN 38401 |
| Ms. Emily Saunders | Southern Alliance for Clean Energy | Emily@cleanenergy.org 865-637-6055 x 24 | |
| Ms. Claudia Schenck | TN Environmental Council Office Manager | TEC@TECTN.org 615-248-6500 | Nashville TN 37228 |
| Ms. Diane Scher | Bridgestone Firestone NT, LLC Manager, Environmental Affairs Environmental Management | ScherDiane@bfusa.com 615-937-6971 | 535 Marriott Drive, 7th Floor Nashville TN 37214 |
| Mr. Sean Sidle | Truth and Reconciliation Program | tarpoffice@nashville.net 615-585-1294 | |
| Mr. Paul Sloan | TDEC | Paul.Sloan@state.tn.us 615-253-1914 | 401 Church St, 1st Floor L&C Annex Nashville TN 37243 |
| Mr. George Smelcer | UT Center for Industrial Services Director | gsmelcer@tennessee.edu 615-532-4912 | 193C Polk Ave Nashville TN 37210 |
| Ms. Sarah Surak | UT-Knoxville Campus Sustainability Coordinator General Services | recycle@utk.edu 865-974-5107 | 2233 Volunteer Blvd Knoxville TN 37916 |
| Ms. Lisa Tarkington | GM Spring Hill Manufacturing Central Services | lisa.tarkington@gm.com 931-486-7454 | 100 Saturn Parkway, PO Box 1500 Spring Hill TN 37174-1500 |
| Mr. Andy Teplitzky | US EPA HQ-OPEI | Teplitzky.Andy@epamail.epa.gov 202-566-2947 | 1200 Pennsylvania Ave., N.W. Washington DC 20460 |
| Mr. Steve Tew | Olin Corporation Sr. Environmental Specialist | srtew2@olin.com 423-336-4410 | |
| Ms. Jennifer Tlumak | Truth and Reconciliation Program Manager Community Home Energy Audit Project | jennifer.tlumak@gmail.com 615-385-5692 | |